

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Synergy Operating, LLC

3a. Address  
P.O. Box 5513, Farmington, NM 87499

3b. Phone No. (include area code)  
505-325-5449

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1485' FNL & 793' FWL, Sec 20, T29N-R04W, NMPM

5. Lease Serial No.  
NM-18319

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
29-4 Carson 20 #7

9. API Well No.  
30-039-20809-00

10. Field and Pool, or Exploratory Area  
Blanco-Mesa Verde

11. County or Parish, State  
Rio Arriba Co., NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input checked="" type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

See attached summary



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Glen O. Papp

Title Operations Manager

Signature

Date

09/02/2004

ACCEPTED FOR RECORD

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

NOV 02 2004

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

FARMINGTON FIELD OFFICE  
BY

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOC

## **Synergy Operating – Cement Squeeze Cliff House Perforations**

### **August 23, 2004:**

Rode Key Energy Rig #19 from Farmington to location, MIRU. SION.

### **August 24, 2004**

Kill well w/ 30-Bbls 2% KCl water. ND WH. NU BOP. WO 2-3/8" slip segments for 2-Hrs. TOO H w/ 176-Jts 2-3/8" 4.7# J-55 EUE Tubing. TIH w/ 4-1/2" CIBP on 2-3/8" tubing and set @ 5490'. TOO H w/ setting tool. TIH w/ 4-1/2" cement retainer, incomplete. SION.

### **August 25, 2004**

Cont. TIH w/ 2-3/8" Tbg & set 4-1/2" Baker Cement Retainer @ 5228' Load hole w/ 90-Bbls 2% KCl water & Pressure Test to 250#, Held OK. Pump 75-sxs (28-Bbls, 157-cu-ft) Premium Lite HSF M Cmt w/ 3# CSE + 4# LCM-1 + 5% A-10 + 0.7% FL-52 + 0.2% CD-32 (12.5-PPG, 2.10 ft-3/sx, Mix Water: 10.63 Gals/sx, Total mix water = 19-Bbls) @ 2-BPM & 20-100#, displace w/ 19-Bbls water @ 2 - 1 BPM & 100-1090#. ISDP = 850#. Sting out of cement retainer & PUH to 4940'. Reverse circulate 40-Bbls to pit. TOO H w/ setting tool & 2-3/8" Tbg. MU 3-7/8" Baker Metal Muncher Mill and TIH on 6 - 3-1/8" DC's & 2-3/8" 4.7# J-55 EUE 8rd Tbg to 2340', incomplete. SION.

### **August 26, 2004**

Cont. TIH w/ 3-7/8" Baker Metal Muncher Mill & tag top of cement @ 5013'. DO cement F/5013' - T/5228', DO Cement Retainer @ 5228' & lost 10-Bbls water, PUH into 7" casing @ 3545. SION.

### **August 27, 2004**

TIH w/ 3-7/8" Baker Metal Muncher Mill F/3545' - T/5220', CO fill to 5236' & lost circulation (20-Bbls). TOO H. TIH w/ 4-1/2" Baker Full-Bore packer on 2-3/8" tbg & set @ 5163'. Load Csg/Tbg annulus w/ 4-Bbls wtr & pressured to 200#, bled to 0# immediately. Pressured tbg to 1000# for 5-minutes, held OK. PUH & reset packer @ 3851' & pressured tbg to 500# for 5-minutes, held OK. TOO H. SI over weekend.

### **August 30, 2004**

TIH w/ 3-7/8" Baker Metal Muncher Mill T/2905', unload hole w/ air. Cont. TIH w/ 3-7/8" Baker Metal Muncher F/2905' - T/5220', unload hole w/ air. DO hard cement F/5236 - T/5380' w/ 2200-SCF/M air. PUH w/ 3-7/8" Baker Metal Muncher Mill T/4795'. Install TIW valve in tubing, close pipe rams, secure well & SION.

### **August 31, 2004**

TIH w/ 3-7/8" Baker Metal Muncher Mill F/4795' - T/5380', unload hole w/ air. DO hard cement F/5280 - T/5470' w/ 2200-SCF/M air. TOO H w/ 3-7/8" Baker Metal Muncher Mill. TIH w/ 4-1/2" Baker Full-Bore packer on & 2-3/8" 4.7# J-55 EUE 8rd tbg to 4520'. Pressure Test 4-1/2" liner & Cliff House squeeze @ 5377-97': Pressure to 300# for 5-Min. TOO H w/ 4-1/2" Baker Full-Bore packer & 2-3/8" 4.7# J-55 EUE 8rd tbg, LD packer. TIH w/ 3-7/8" Baker Metal Muncher Mill, 6 - 3-1/8" DC' on 2-3/8" tbg T/3560', incomplete. Install TIW valve in tubing, close pipe rams, secure well & SION.

### **September 1, 2004**

TIH w/ 3-7/8" Baker Metal Muncher Mill F/3560' - T/5490', unload hole w/ air. DO CIBP @ 5490' w/ 2200-SCF/M air. DO hard fill F/5711' - T/5730', CO soft fill F/5730' - T/5770', DO hard fill F/5770' - T/5780', CO soft fill F/5780' - T/5801'. TOO H & LD 3-7/8" Baker Metal Muncher Mill, LD 6 - 3-1/8" DC's, standing-back 2-3/8" tbg. TIH w/ 2-3/8" API SN (1.87" ID) on 176-Jts 2-3/8" 4.7# J-55 EUE 8rd tbg to 5682'. Install TIW valve in tubing, close pipe rams, secure well & SION.

### **September 2, 2004**

TOOH, TIH w/ 4-1/2" Baker Lok-Set packer on 176-Jts 2-3/8" 4.7# J-55 tbg & land w/ packer @ 3756', SN @ 5691' and EOT @ 5692'. ND BOP, NU WH. RD Key rig #19. Well turned over to production.